

Claims

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1. Device for transforming the mains voltage into a lower voltage, comprising a first connector that can be plugged into a mains socket, a second connector that can be plugged into a consumer and an electronic circuit for transforming the voltage which is located between the two connectors,

characterized in

that the electronic circuit forms with the second connector (2) one rigid physical unit whereby the connection between the electronic circuit and second connector (2) is as short as possible and has a low electric resistance.

2. Device according to claim 1, **characterized in** that an ON/OFF switch (5) is provided for switching the line voltage.
3. Device according to one of the claims 1 or 2, **characterized in** that the second connector (2) has at least three poles.
4. Device according to one of the claims 1 to 3, **characterized in** that at the same an indicator (4) for the operational state is provided.
5. Device according to one of the claims 1 to 4, **characterized in** that the second connector (2) can be removed from the rest of the unit easily and can be changed by another connector if necessary.
6. Device according to one of the claims 1 to 5, **characterized in** that the first connector (1) is connected with the rest of the unit via an electric line.
7. Device according to claim 6, **characterized in** that this line has a third connector, that can be removed from the unit.
8. Device according to one of the claims 1 to 5, **characterized in** that the unit is built into a case (3).
9. Device according to one of the claims 1 to 8, **characterized in** that the unit and/or the consumer are provided with elements that ensure a secure fastening of the unit at the consumer.

10. Device according to claim 9, **characterized in** that the connector pin(s) of the second connector and the respective socket(s) in the consumer are constructed for correctly fastening the unit.

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